

CLAIMS:

1. A lamp, in particular a vehicle lamp, with
 - a burner (12),
 - a holding device (20, 22) made of metal, which is secured to the burner (12)
 - and a bottom section (24) made of plastic, wherein the bottom section (24)

5 exhibits an opening (28) in which a base sleeve (26) made of metal is disposed, which is connected to the holding device (20, 22),

- and wherein, at least in an upper area facing towards the burner (12), the inner wall of the opening (28) and/or the exterior of the base sleeve (26) is provided with projections (40) such that, along its periphery, the base sleeve (26) does not bear against the

10 bottom section over its entire surface.

2. A lamp as claimed in claim 1, in which
 - the projections (40) take the form of either a number of lugs (40) running longitudinally and/or transversely in relation to the opening, or of punctiform elevations.

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3. A lamp as claimed in any one of the preceding claims, in which
 - the base sleeve (26) is mainly accommodated in the bottom section (24).

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4. A lamp as claimed in any one of the preceding claims, in which,
 - at its upper end facing towards the burner (12), the base sleeve (26) takes the form of a flange (26a), which screens a top side (36) of the bottom section (24), at least partially, against the burner (12).

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5. A lamp as claimed in claim 4, in which
 - a space remains between the flange (26a, 26b) and the top side (36).

6. A lamp as claimed in any one of the preceding claims, in which
 - the bottom section (24) is integrally produced from plastic.

7. A lamp as claimed in any one of the preceding claims, in which
- the base sleeve (26) takes the form of a floor (42) at its lower end facing
away from the burner (12),
- wherein the floor (42) is in contact with the plastic material of the bottom
5 section (24).

8. A lamp as claimed in any one of the preceding claims, in which
- cooling fins (50) or cooling slots are provided on the exterior of the bottom
section (24).

10 9. A lamp, in particular a vehicle lamp, with
- a burner (12),
- a holding device (20, 22) made of metal, which is secured to the burner (12)
- and a bottom section (24) in which a base sleeve (26) made of metal is
15 disposed, which is connected to the holding device (20, 22),
- wherein the base sleeve (26) develops a flange (26a), which screens a top
side (36) of the bottom section (24), at least partially, against the burner (12),
- and wherein a space remains between the flange (26a) and the top side (36).

20 10. A vehicle headlamp with
- a reflector (46)
- and a lamp (10) fitted on the reflector (46) as claimed in any one of the
preceding claims,
- wherein the burner (12) is located inside the reflector housing,
25 - and the bottom section (24) of the lamp (10) is located mainly outside the
reflector housing.